

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

44. (New) An isolated oxidoreductase which reduces a carbonyl compound to the corresponding (S)-hydroxy compound in the presence of NADH and water, wherein more than 70% of the amino acids is identical to the amino acid sequence SEQ ID NO: 9 and wherein it has a specific activity of more than 1 μ mol per mg protein, based on the reaction of the ethyl-4-chloro-3-oxobutanoic acid (R)-ethyl-4-chloro-3hydroxybutanoic acid.

45. (New) The isolated oxidoreductase according to claim 44, wherein 80% to 99.5%, in particular 90% to 99.5 %, especially 99% to 99.5%, are amino acids identical to the amino acid sequence of SEQ ID NO: 9.

46. (New) The isolated oxidoreductase according to claim 44, wherein it is encoded by a DNA[-] sequence according to SEQ ID NO: 8 and has the amino acid sequence according to SEQ ID NO: 9.

47. (New) The isolated oxidoreductase according to claim 44, wherein it is obtainable from yeasts of the genuses *Pichia* or *Candida*, in particular from *Pichia capsulata*.

48. (New) The isolated oxidoreductase according to claim 44, wherein it has an additional amount of 1 to 40 amino acids less than the oxidoreductase having the amino acid sequence of SEQ ID NO: 9.

49. (New) The oxidoreductase according to claim 48, wherein 1 to 25 amino acids, in particular 2 to 20 amino acids, or 3 to 10 amino acids, more or less than in the amino acid sequence SEQ ID NO: 9 are present.

50. (New) The isolated oxidoreductase according to claim 44, wherein it has the amino acid sequence of SEQ ID NO: 9 and is modified once, twice, three, four or five times by a water-soluble polymer.

51. (New) The isolated oxidoreductase according claim 50, wherein the water-soluble polymer is polyethylene glycol.

52. (New) The isolated oxidoreductase according to claim 44, wherein it is encoded by a DNA sequence which hybridizes under stringent conditions to SEQ ID NO: 8 or the fully complementary strand.

53. (New) A protein fragment, wherein it represents fragments of the amino acid sequence SEQ ID NO: 9, having a number of 5 to 30 amino acids per fragment.

54. (New) The protein fragment according to claim 53, wherein the fragments are fragments of SEQ ID NO: 9, having a chain length of 6 to 25 amino acids, in particular 8 to 20 amino acids or 10 to 18 amino acids, in particular of the amino acid sequence SEQ ID NO: 10.

55. (New) A fusion protein, wherein it contains the oxidoreductase having the amino acid sequence SEQ ID NO: 9 or fragments of the amino acid sequence SEQ ID NO: 9, having a number of 5 to 30 amino acids which are connected via a peptide bond to a further polypeptide at the N-terminal or carboxy-terminal end.